

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of work: Estimate for Improvements and Asphaltting to Road at Defence Colony in Ward No.06, Byatarayanapura Sub Division

SI No	Description of item	Estimate Cost Rs.						1800000.00	
		Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-1.1: Earth work in surface excavation in ordinary soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, Specification No KBS 2.1(a) / 2.3.1, P. No. 5/ Item No. 2.1/ PWD SR 2012-13	cum							
	Desiltation Of Drains								
	For Drains		4X2	209.00	0.35	0.25	146.30		
	Burm Cutting								
			4X2	209.00	0.50	0.10	83.60		
					0.70		117.04		
							263.34	112.32	29578.00
	Basic Rate	104.00							
	Area Weightage @ 8%	8.32					229.90		
	Total	112.32							
2	Removing B.S Slab of Drain and stacking Page No. 28/ Item No. 5.32/ PWD SR 2012-13	Sqm							
	For Drains		4X2	209.00	1.65		2758.80		
							2758.80	44.47	122696.00
	Basic Rate	41.18							
	Area Weightage @ 8%	3.29							
	Total	44.47							
3	Refixing stone slabs of drains and pointing in C.M (1:3) Page No. 28/ Item No. 5.33/ PWD SR 2012-13	Sqm							
			Qty Vide Item No.3				2758.80		
							2758.80	63.00	173794.00
	Basic Rate	58.33							
	Area Weightage @ 8%	4.67							
	Total	63.00							

SI No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
4	KSRRB M400-17: Providing, laying spreading and compacting graded stones aggregate to wet mix macadam specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying, in uniform layers with paver in sub base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH specification NO. 406, No. 166/ Item No. 20.18/ PWD SR 2011-12	Cum							
	For Drains		3	209.00	5.00	0.15	470.25		
							470.25	1059.48	498220.00
	Basic Rate	981.00							
	Area Weightage @ 8%	78.48							
	Total	1059.48							
5	KSRRB 500-4: providing and applying primer coat from 7.5 to 9.8 kg and 9.8 to 12.2kg per 10 sqm for surfaces of low and medium porosity respectively over prepared surface of granular base with cut bank M.C-70 or any other bitumen mixed with diesel at 10 kg per 10 sqm heated in bitumen boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications MORTH chapter 5, No. 172/ Item No. 21.4.2/ PWD SR 2012-13 Medium Porosity	Sqm							
	For Drains		3	209.00	5.00		3135.00		
							3135.00	85.10	266801.00
	Basic Rate	78.80							
	Area Weightage @ 8%	6.30							
	Total	85.10							
6	KSRRB M500-18: Providing and laying semi dense bituminous concrete 25mm thick with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desired compaction as per MORTH specifications clause No. 500.8 complete in all respects as per specifications. 25-30mm compacted thickness with 5% Birumen80/100grade (gradingII) P.No. 175/ Item No. 21.20.1/ PWD SR 2012-13	Cum							
	For Drains		3	209.00	5.00	0.025	78.38		
							78.38	8829.00	691973.00
	Basic Rate	8175.00							
	Area Weightage @ 8%	654.00							
	Total	8829.00							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
7	Lead for Disposal of Debris shall be payable at carage rates by Mechanical means including loading and unloading. From 0.00 to 2.00 Km (Page No.123,	Cum							
							Qty. Vide Item No. 1	262.08	72.70
	Average Weight of Earth 1.28 Ton/Cum							335.46	67.32
	Basic Rate Lead Charges Upto 2.00 Kms	5.12							22583.00
	PWD SR 2010-11 (P.118/I.17.1) For loading and unloading	62.20							19052.21
	Total	67.32	+5.38 =	72.70					1740.89
8	Miscesallaneous Charges	L/S							2885.90
							Total		1800000.00

(Rupees Eighteen Lakhs Only)

Certificate:

- 1 The work spot has been inspected and the work is found necessary.
- 2 This estimate is prepared as per PWD SR of 2012-13
- 3 The provisions were made in this estimate are necessary and adequate.
- 4 This works come under B.B.M.P. limits.

Assistant Engineer

Executive Engineer

Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Sub Division

Technical Sanction for Rs. 18-00 lakh

Under 2012-13 P.D. 25

P. 1721

Registered as EE No. 289 / 12-13 Subject

to conditions contained enclosed memo.

No. 289 / 12-13 Dr. 10-1-13

AE/JE

EE (BTP. Div.)

ADMINISTRATIVELY SANCTIONED FOR Rs. 18-00 lakh only

Rupees

Under P.D. 2012-13

P. 1721

Registered as EE () No. 296 / 9/...

Subject to conditions contained in

enclosed memo EE No. 296 / 9/...

Dt. 7-1-13 Estimate A/Sanctioned

JC A/N No. 296/12-13

dated 7-6-13 Rs. 18-00 lakh

Joint Commissioner

(Yelahanka Zone)

BBMP, Bengaluru-92.

Page 3 of 3

7/1/13

Joint Commissioner

(Yelahanka Zone)

BBMP, Bengaluru-92.